

**b. Amendments to the Specification**

**Rewrite the paragraph at page 2, lines 9 – 11 as:**

In one aspect, ~~the inventions feature~~ methods are provided for operating electro-optical modulators that reduce desynchronization mismatches between control and optical  
 5 carrier waves therein ~~carrier wave velocities by using dielectrics that compensate for the speeding up that fringe fields tend to produce in control waves.~~

**Insert at page 2, after line 11:**

One embodiment features a method that includes transmitting a sequence of wavefronts of an optical carrier wave having a first wavelength to an optical waveguide  
 10 and transmitting a control wave having a second wavelength to a control waveguide. The control wave electro-optically modulates velocities of the wavefronts in the optical waveguide. A dielectric cladding adjacent the optical waveguide has a refractive index at the second wavelength that is larger than the refractive index in the optical waveguide at the first wavelength.

15 **Delete the 3 paragraphs at page 2, lines 12 - 29.**

**Insert at page 19, after line 1:**

A method includes transmitting a sequence of wavefronts of the optical carrier wave having a first wavelength to an optical waveguide and transmitting a control wave having a second wavelength to a control waveguide. The control wave electro-optically  
 20 modulates velocities of the wavefronts in the optical waveguide. A dielectric cladding adjacent the optical waveguide has a refractive index at the second wavelength that is larger than the refractive index in the optical waveguide at the first wavelength.

**Delete the paragraph at page 19, lines 2 - 8.**